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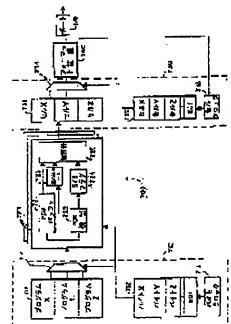95 419205   10.04.1995   US

(54) METHOD AND DEVICE FOR CONDITIONING AND TRANSPORTING TIMED PROGRAM DATA INDEPENDENT OF TRANSPORTING TIMING

(57)Abstract:
PROBLEM TO BE SOLVED: To suppress the occurrence of distortion jitters and wanders by independently conditioning timed program data by injecting null data into a data transport stream by monitoring program data while the data are transported.
SOLUTION: The byte time division multiplexer 710 of a transport controller 700 writes the bytes of program transport stream X-Z which are stored in a byte buffer 711 in a payload queue 720. The queue 720 decides whether or not the transport streams X-Z precede the real time by monitoring the streams X-Z and injects null data into the streams X-Z by means of a burying cell generator 723 in response to the monitoring. A cell time

division multiplexer 730 reads the partially formatted transport streams flows X-Z and a formatting device 740 makes the streams X-Z reach their destinations in real time by giving the streams X-Z to a port 119 at transport rate controlled by a cell clock 733 which is decided by means of a network clock.

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